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DUKE CLARITY TOURBILLON FIRST EDITION

Press release
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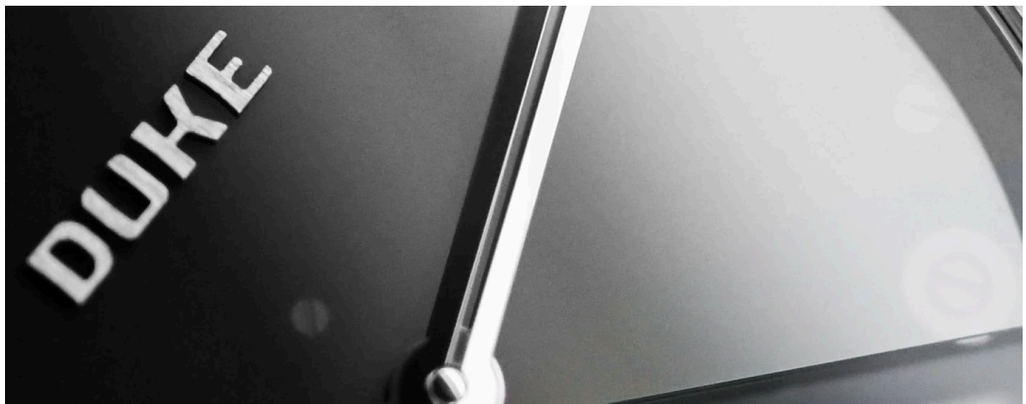
The Manufacture Grand-Ducale, whose workshops are located in Luxembourg and La Chaux-de-Fonds, is presenting the first timepiece from the Duke brand, under the banner of transparency.

From the Luxembourg Grand Duchy to the historical watchmaking terroirs of the Swiss Jura Valley, Duke's Clarity Tourbillon features a pure and powerful design. In-house calibre 9600 was developed for eight timepieces only. There are indeed only a few movements with tourbillon paired with automatic winding.

Here, and this is quite specific, the oscillating weight is totally unnoticeable since it has been crafted in sapphire glass. One needs a keen sense of hearing to perceive the to-and-fro of the rotating rotor that runs on ceramic ball bearings. This oscillating weight, in a calibre beating at 21,600 vibrations per hour (i.e. a frequency of 3 Hz), is no less efficient since it is generating a self-removing energy whose power reserve covers 72 hours.



This 8-piece ultra-limited series' vivid design is a celebration of the complicated tourbillon mechanism, from a 100-degree opening with softened edges. This horological complication and its floating cage provide a new perspective to Abraham-Louis Breguet's famous invention of over 200 years ago: a micromechanical structure that is performing its whole circumvolution every one minute, i.e. at a rate of 60 pulsations per minute.

The Duke Clarity Tourbillon First Edition merges the expertise of materials and the characteristic finishes of horological craftsmanship. Water-resistant to 50 meters, its case structure and its bottom flanks are made of titanium-carbon fibre, while its bezel, including the lugs, as well as its case back and its crown, are made of grade 5 titanium, a material whose machining requires some extra soul and skill.

The handmade finishes are then twirling in a subtle festival of visual effects: hand beveling, polished-mirror effects, reliefs made of alternating grained, sun-brushed or shot-blasted surfaces.

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